

WEATHER ON THE ATLANTIC AND PACIFIC OCEANS

NORTH ATLANTIC OCEAN

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Taking the ocean as a whole, April should not be considered an unusually stormy month, although the number of days with gales was considerably above the normal along the American coast and over the steamer lanes east of the forty-fifth meridian. Heavy weather between the forty-fifth and sixtieth meridians was comparatively rare, however, and the great majority of the gales reported would be classed as moderate.

Fog was reported on 13 and 15 days, respectively, along the New England coast and over the Grand Banks, which in both cases was above the normal. Fog was also observed on from 2 to 3 days over the middle eastern sections of the steamer lanes and on 1 day in the western part of the Gulf of Mexico.

TABLE 1.—Averages, departures, and extremes of atmospheric pressure at sea level, 8 a. m. (seventy-fifth meridian), North Atlantic Ocean, April, 1928

Stations	Average pressure	Departure ¹	High-est	Date	Low-est	Date
	<i>Inches</i>	<i>Inch</i>	<i>Inches</i>		<i>Inches</i>	
Belle Isle, Newfoundland.....	29.78	-0.05	30.46	7th.....	29.18	26th.
Halifax, Nova Scotia.....	29.94	+0.05	30.56	3d.....	29.50	25th.
Nantucket.....	29.94	-0.04	30.54	3d.....	29.26	24th.
Hatteras.....	30.04	+0.03	30.48	3d.....	29.48	28th.
Key West.....	30.02	0.00	30.22	1st ²	29.80	11th.
New Orleans.....	30.01	+0.01	30.34	1st.....	29.72	22d.
Cape Gracias, Honduras.....	29.91	-0.06	30.04	4th.....	29.84	10th.
Turks Island.....	30.10	+0.08	30.16	2d ²	29.90	7th.
Bermuda.....	30.15	+0.15	30.36	21st.....	29.90	8th.
Horta, Azores.....	30.09	-0.02	30.40	21st ²	29.52	17th.
Lerwick, Shetland Islands.....	29.80	0.00	30.22	14th.....	29.18	3d.
Valencia, Ireland.....	29.73	-0.16	30.19	17th.....	29.08	10th.
London.....	29.80	-0.07	30.28	23d.....	29.46	10th.

¹ From normals shown on Hydrographic Office Pilot Chart, based on observation² at Greenwich mean noon, or 7 a. m. seventy-fifth meridian.

² And on other dates.

On the 2d a severe disturbance of limited extent was central near 55° N., 27° W.; this moved northeastward and on the 3d was off the south coast of Ireland.

On the 5th and 6th Bermuda was near the center of a low that remained nearly stationary, gradually filling in.

On the 6th there was also a well-defined depression in the Gulf of Mexico that by the morning of the 7th had practically disappeared.

Charts VIII to XI show the conditions from the 7th to the 10th, inclusive, when the middle and eastern sections of the steamer lanes were swept by heavy gales.

On the 11th a low was central near Charleston that moved northeastward and on the 12th was off the coast of Maine. On both dates moderate to strong gales prevailed over the region between Hatteras and Nova Scotia.

On the 12th and 13th a storm area of limited extent was over the middle section of the steamer lanes, while by the 14th moderate weather was the rule over practically the entire ocean.

On the 15th and 16th a disturbance covered a portion of the southern steamer lanes, and on the latter date northwest gales were reported between the thirtieth and thirty-fifth parallels and the thirty-fifth and forty-fifth meridians. On the 16th northeasterly gales also occurred along the American coast between Charleston and Hatteras.

From the 19th to the 23d unfavorable conditions prevailed over the greater part of the steamer lanes, the storm areas reaching their greatest intensity and extent on the 20th and 23d; on the former date extending from the twenty-fifth to sixty-fifth meridians and on the latter, from the fifteenth to forty-fifth.

On the 25th Pensacola was near the center of a low that moved rapidly northeastward and on the 24th was central near Eastport, with moderate to strong gales over the region between Nantucket and the Bermudas.

From the 25th to 27th favorable weather prevailed generally, except that on the 27th a moderate disturbance was off the coast of southern Europe and there was a depression in the Gulf of Mexico that afterwards developed into a severe disturbance as it moved northeastward. On the 28th this low was over the Virginia Capes, with strong gales between the thirtieth parallel and Hatteras. On the 29th the center was near Portland, Me., with the storm area remaining of about the same extent as on the previous day.